

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Sukhendu K. Majumdar

GENERAL INFORMATION:

Name:	Kentucky Hydrocarbons, Inc.
Address:	72 Maple Street Langley, KY 41645
Date application received:	12/06/2007
SIC Code/SIC description:	1321, Oil & Gas Extraction, Natural Gas Liquid
Source ID:	21-071-00140
Source A.I. #:	38048
Activity ID:	APE20070003
Permit:	V-03-026 R2

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
<input checked="" type="checkbox"/> Administrative	<input checked="" type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

Pollutant	2006 Emission Survey Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	0.35/0.35	1.46/1.46
SO <sub>2</sub>	0.02	0.12
NO <sub>x</sub>	5.5	102.7
CO	3.3	69.0
VOC	0.27	13.62
Single HAPs	0.02	< 9.0
Source wide HAPs	0.04	<22.5

**SOURCE DESCRIPTION:**

On December 6, 2007 Equitable Production Company (EPC) d.b.a. Kentucky Hydrocarbon, Inc requested a change of operator and name for the MarkWest Energy Appalachia at Langley Facility. Pursuant to 401 KAR 52:020 Section 13(3), the EPC submitted an Administrative Amendment application to include the MarkWest Energy Appalachia's facility in the Kentucky Hydrocarbon's Title V operating permit (V-03-026 R1). The transfer of operators took place on November 16, 2007.

**EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

None

**OPERATIONAL FLEXIBILITY:**

None